Sov/81-59-7-22510

The Dependence of the Viscosity of a o-Xylene-Hexane Mixture on the Temperature and the Concentration of the Components

value of the critical temperature of the corresponding mixture, the greater is V of its liquid phase and the lower is V of its saturated vapor.

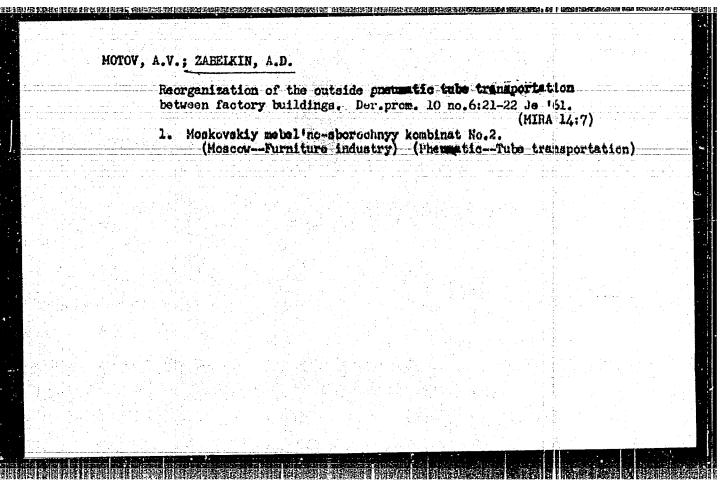
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| (O, M.G.; ZABELINA, Z.V.; SERGEYEV, V.S. | Van | | | |
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| Bacteriological indices for cold horsel couvres. pit. 21 no.2:86-87 Mr-Ap 162. | (MIBA | 15:3) | | |
| 1. Iz Nauchno-issledovatel'skoy i TSentral'noy co pishchevoy laboratorii Upravleniya obshchestvenno | anitarro- | • · · · · · · · · · · · · · · · · · · · | | |
| Leningrad. | Ro hraem | .30, | | |
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| Control over wage fund disbursements. D | len. 1 kred. 18 no.9:63- (MIRA 13:8) | % |
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| 1. Starthiy kreditnyy inspektor Volynsko (Volyn' Province—Wages) (Volyn' Province—Banks and bankin | | |
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| ZABELKII | 선생님들의 학교 나는 다른 가장 그렇게 나갔다. 학생은 한 경우를 하지만 다른 살이 모든 하는 것이다. | 244 | | |
|----------|--|-------|--------|-----|
| | Preparatic tube transportation with horizontal dust coll Der.prom. 10 no.11:25-26 N '61. | (MIRA | 14:10) | |
| | 1. Moskovskiy mebel'no-sborochnyy kombinat No.2. (Pasumatic tube transportation) | | | |
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ZATELKOVA_LECIANOVA, Z. (4208)

ZFarmakologickeho Ustavu Lekarske Fakulty Masarykovy University v Brne. Antitoxicky ucinek drasliku pri otrave srdce difitalisem Antitoxic effect of potasulum salts in the heart poisoned with disitalia lekarske Listy 1949, 4/3 (65-67)

Illus.4

Cardiotonics (digalen, strophanthin) applied in high dosage to the isolated frog heart, lead to complete cessation of beating. Without some external measure the heart does not recover. The toxic action of cardiotonics can be abolished with potassium salts. Such toxic action of cardiotonics was removed by radium examation, used either directly in Ringer's solution or indirectly with irradiation of a capillary outside from the heart. Poisoning of heart with cardiotonics thus shows the same features as poisoning with calcium. The experiments confirm the theory that the cardiotonics act salely by virtue of calcium ions.

Kolda-Prague

So; Excerpta Medica, Vol. II, No 8, Section II, August 1949

KITSAK, N.A., inzh.; ZAEELLA, K.A., inzh.

Radial guy bridge in Kiev. Trensp. stroi. 14 no.3:14-16
Mr '64. (MIRA 17:6)

AGAFONOV, A.K., kand. ekon. nauk; KONONENKO, V.I.; VASILENKO, G.K.;
KAZAK, V.Ye.; ZABELLA, V.I.; BORYAKIN, V.N., red.

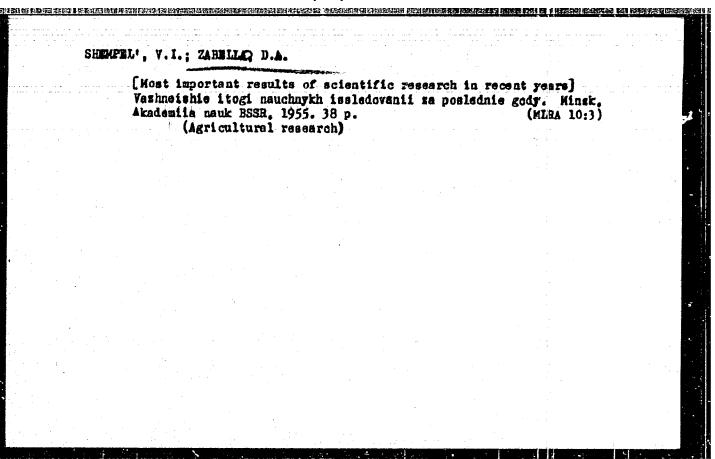
[Price determination in the machinery industry] TSencobrasovanie
v machinostroenii. Klev, Naukova dumka. 1965. 259 p.

(MIRA 18:11)

1. Akademiia nauk URSR, Kiev. Instytut ekonomiky.

KARELIN, D.; ZAHELLO, A.Y., nauchnyy redaktor; DZHALAHEKOVA, L.A., redaktor; SUSLEMBIKOVA, N.M., tekhnicheskiy redaktor.

[Seas of our country; essays in the physical geography and exploration of the seas of the U.S.S.R.] Moria mashel Rodiny; ocherki po fizicheskol geografii i istorii issledovaniia morei SSSR. Leningrad, Gos. izd-vo detskol lit-ry Minsterstva prosveshcheniia RSFSR, 1954. 342 p. (MLRA 7:12) (Hydrography)



ZABELLO

USSR/Cultivated Plants. Fodder Plants.

11

Abs Jour: Ref Zhur-Biol., No 15, 1958, 68241

Author

Zabello, D. A.

Inst

: AS Byelorussian SSR.

Title

: The Influence of Sowing Methods and Sowing Density on the Yield of Corn Green Mass.

Orig Pub : V sb.; Kukuruza v BSSR. Minsk, AN BSSR, 1957,

294-296

Abstract : A study was made of the effects of the following sowing methods on corn yields: square nest (70 x 70 cm) with 8 grains in a nest, and 80 x 60 and 50 x 50 cm with 6 grains in a nest; broad row, with 60 cm between the rows and 50 kg of seed per hectare, with 50 cm between rows and 60 kg of seed per hectare, and with 40 cm between

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93

USSR/Cultivated Plants. Fodder Plants.

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Abs Jour : Ref Zhur-Biol., No 15, 1958, 68241

ween rows and 75 kg of seed per hectare. Each variant was harvested on three dates. The crops were sown on land previously planted with perennial grasses, plowed in autumn, and fertilized with a l i l peat manure mixture (40 tons/hectare) and with N₄₅P₆₀K₆₀. The most intensive growth of green mass and the highest yield of corn were obtained from wide-row sowings with 40 centimeters between rows and 75 kilograms of seed per hectare. In this case, 204.5 centners/hectare of green mass were obtained from the principal mowing if it was done on 5 August, 539.3 centners, if mowing was done on 20 August, and 567 centners, if mowing was done on 5 September. -- T. Karelin

Card : 2/2

ZABELLO, D.A.

USSR/Meadow Cultivation.

Abs Jour

: Ref Zhur - Biol:, No 21, 1958, 95877

Author : Zabello, D.A.

Inst : Belorussian Scientific-Research Institute of Agriculture

Title : Influence on the Productivity of Seeded Pastures of Or-

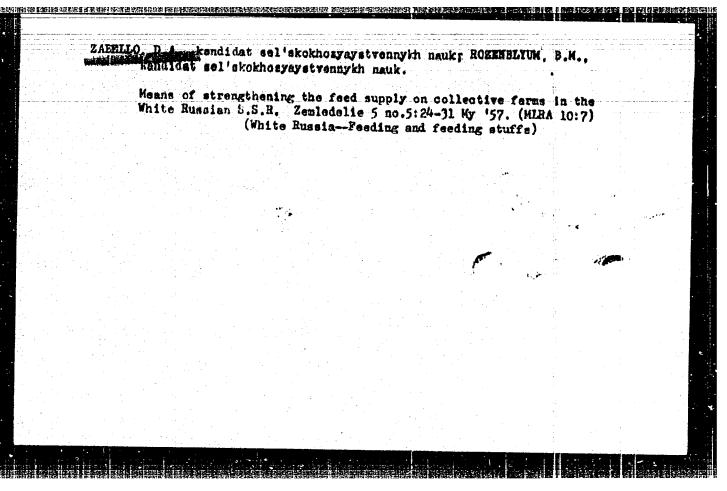
ganic Fertilizers Superficially Applied.

Orig Pub : Byul. nauchno-tekhn. inform. Belorussk. n.-i. in-t sem-

ledol., 1957, No 1, 40-42.

Abstract : No abstract.

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| | Soil moisture dynamics and changes in the living soil covering as related to the age of pine stands. Sbor. nauch. rab. Bel. otd. VBO nc.3:178-184 161. (MIRA 14:12) (Soil moisture) (Forest ecology) |
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Country: USSR Category Forestry. Biology and Typology of the Forest. K Abs Jour RZhBiol., No 6, 1959, No 24700 Author Rogovoy, P. P.; Zabello, K. L. Belorussian Forest-Engineering Institute. Nitrogen Nutrition of Pine Stands Growing Inst Title on Light, in Mechanical Composition, Peaty-Podzol Sólls. Sb. nauch. rabot Belorussk. lesotekhn. in-t, 1958, vyp. 9, 59-71 Orig Pub Abstract Investigations on the clarification of total and hydrolizable N reserve contents in the soil, its mobility and dynamics in the soil horizons according to the seasons of the year, were conducted on eight experimental areas in 4-year-old pine forests of the Negores! Card 1/3 10

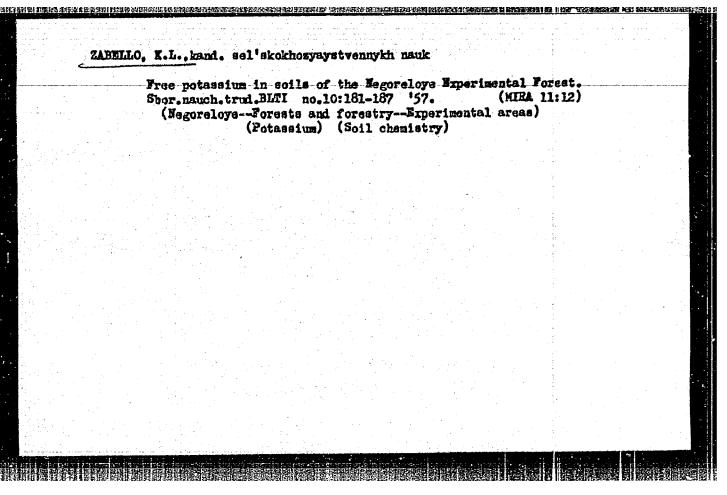
Country : USSR Category Forestry. Biology and Typology of the Forest. K Abs Jour RZhBiol., No 6, 1959, No 24700 Author Inst Title Orig Pub Abstract Scientific-Experimental State Forest Economy. Data of the mineral N content in soils are submitted. Analytical materials on the experimental areas are presented in 6 tables. It was deduced that peaty-podzol soils, light in mechanical composition, under pine stands are deficient in N and are in need of nitrogen fertilization; in summer, a great diminution Card 2/3

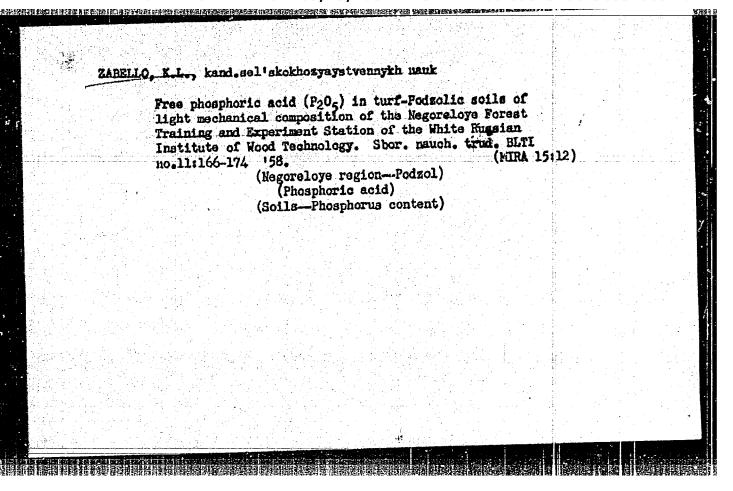
Country : USSR Category Forestry. Biology and Typology of the Forest. K RZhBiol., No 6, 1959, No 24700 Abs Jour Author Inst Title Orig Pub of total N (absorbed by the plants) is noted, and towards September N is replenished. The mobility of soil N is higher in summer than Abstract in the spring and autumn; mineralization of the nitrogen compounds proceeds to the formation of ammonia, and in clearings partial nitri-fication takes place. In the soils, under investigation, the mineral forms of N are very insignificant. Card 3/3 11

ZABELIO, K. L.

ZAPELLO, K. L. -- "The Elements of Scil Nutrition of Plants and Their Effect on the Productivity of Pine Plantations under the Conditions of the Negoreloye Teaching-Experimental Leskhoz of the Belorussian Forestry Engineering Inst imeni S. M. Kirov." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnava Letopis', No 1, 1956





| COUNTRY : CATEGORY : | USBR Memiow Cultivation. |
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| AB3, JOUR. : | RZhBiol., No.23, 1958, No.105583 |
| | Zabello, L. A., Rozenblyum, B. N. |
| INST. | Methods of Johnsoing orage Asserves at the holkhozen of Belorussian Soft. |
| ORIG. FUB. : | Zemledeliya, 1957, No. 5, 24-31 |
| ABSTRACT . | Examined are the state of the hay fields and pastures, and production costs of the forage unit of perennial and annual grasses, and of the forage and grain cross in Belorussian USA. Results of measures for the improvement of meadow-pasture lands and introduction of forage crops, obtained by scientific and research institutions and kolkhouses are cited. Further measures are being planned for the improvement of the forage reserves of Belorussian SAR. |
| Card: 1/1 | |

| | PEYSAKHZON, B.E., kar | ndidet tekhnicheskik | h nauk: ZABELIO | . M.L. retaktor. | |
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| | [Problems_of_eld | ectric railroad oper | ation] Voprosy | ekspluatateii el | ektriche- |
| | ekikh shelesnyki | h dorog. Koskva, Go | s. transportnoe | shelesno-doroshn | oe izd-vo, |
| | 1952. 122 p. | | | | 4 6:8) |
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ZARSLIO, M.L., tandidat tekhnicheskith nauk; MEZEOVA, R.V., inshear; PRIMAINTOR: B.R., tandidat tekhnicheskith nauk, redaktor; YUDZOW, D.K., tekhnicheskiy redaktor.

Organizaing the transport of perishable goods. Trudy TSMII MPS no.93:
3-115 '54;
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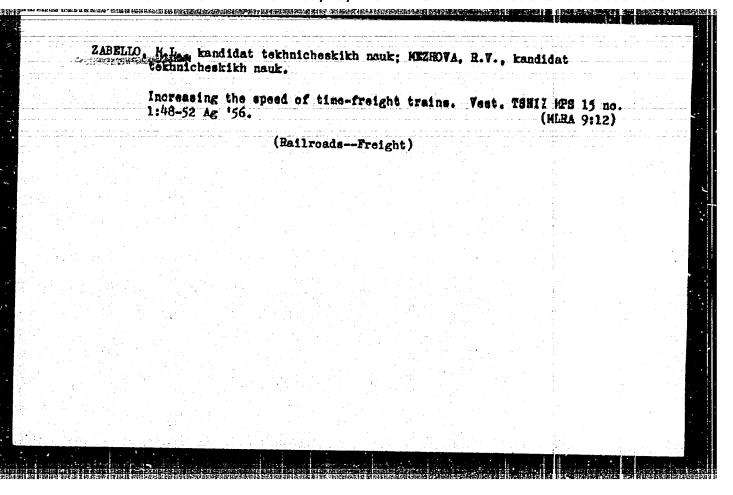
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BRAKSHEVICH, I.I. kandidat takimicheskikh nauk: HOOIN, N.H., kundidat tokhnicheskikh neuk; BYKOV, Ko.I., inchener; VLASOV, I.I., kandidat tekhnicheskikh mauk; GRITSEVSKIY, H.Te., inzhener; GRUHER, L.O., inghener GURVICH, V.G., inghener; DAVYDOV, V.H., inghener; YER-SHOV, I.M., kandidat tekhnicheskikh nauk; ZASORIN, S.H., kandidat tekhnicheskikh neuk; IVAHOV, I.I., kandidet tekhnicheskikh neuk; KRAUKLIS, A.A., inzhener: KROTOV, L.B., inzhener: LAPIN, V.B., inzhener; LASTOVSKIY, V.P., dotsent; LATUNIN, N.I., inzhoner; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, H.I., professor, doktor tekhnichaskikh nauk; NIKANCROV. 7.A., inzhener; OSKOLKOV, K.H., inzhoner; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; FARTSOVSEIY, L.M., inzhener; POPOV, I.P., inzhenem; PORSHENV, B.G., inzhener; RATNER, H.P., inchener: ROSSIYKVSKIY, O.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSKIY, I.Ya., dotsent, kandidat tekhnichsakikh nauk; RTABKOV, A.Ta., professor [deceased]: TAGER, S.A., kandidat tekhnicheskikh nauk; KHAZEN, H.M., professor, doktor tekhnicheskich nauk; CHEHNYSHEV, H.A., doktor tekhnicheskikh nauk; HUIH, L.Ye., professor, doktor tekhnicheskikh nauk; YURENEY, B.M., dotsent; AKSEHOV, I.Ya., dotsent, kandidat tekhnicheskikh neuk; ARKHANGEL: SKIY, A.S., inzbener; BARTENEY, P.V., professor, doktor tekhnicheskikh nauk; BERNGARD, K.A., kandidat tekhnicheskikh nauk; BORDYOY, N.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.A., irzhener; BOGDANOV, N.K., kandidet tekhnicheskikh nauk; VIHNICHENKO, N.O., dotsent, kandidat ekonomicheskikh nauk; (Continued on next card)

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BEHESHEVICH, I.I. (continued) Card 2. VASIL'YEV. V.F.; GONCHAROV, N.G., inchener; DERIBAS, A.T., inchener; DORROSHL'SKIY, K.M., dotsent, kundidat tekhnicheskikh nauk; DIKGACH, B.A., kandidat teknnicheskikh cauk; YRFIMOV, G.P., kandilat tekhnicheskikh nauk; ZEKBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELLO, H.L. kandidat tekhnicheekikh nauk; IL'IN, K.P., kandidat tekhnicheekikh nauk; KARETHIKOV, A.D., kandidat tekhnichee akikh nauk; KAPIUN, F.Sh., Inshener; KAHSHIH, M.D.; KOCHNEY, P.P., professor, doktor tekhnicheskikh nauk; KOCAN, L.A., kandidat tekhnicheskikh nauk; KUGHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener; MAKSIMOVICH, B.H., dotsent, kandidat tekhnicheskikh nauk; MARTYHOY, M.S., inzhener: HEDRIG. O.M., inzhener: NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; Phhrelayav, P.I., kandidat tekhmicheskikh nauk; PETHOV, A.P., professor, doktor tekhnicheskikh nauk; POVOROZHENKO, V.V., professor, doktor tekhnicheskikh nauk; PISKAREY, I.I., dotsent, kandidat tekhnicheskikh nauk; SERGEYEY, Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnichekikh nauk; SIMANOVSKIY, K.A., inzhener; SUYAZOV, 1.G., inzhener; TAIDAYEV, F. Ya., inzhener; TIKHUNOV, K.K., kendidat tekhnicheskikh nauk; USHAKOV, N.Ya., inzhenr; USFENSKIY, V.K., inzhener; FELDMAN, E.D. kandidat tekhnicheskikh nauk; PERAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhenr; CHERHOMORDIK, G.I., professor, doktor tekhnicheskikh neuk; SHaMAYAV, M.F., inshener; SHAFIRKIN, B.I., inchener; YAKUSHIN, S.L., inchener; GRANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor: ISAYRV, I.P., dothent, kandidat tekhnicheskikh nauk, reduktor; ELIMOV, V.Z., datsent kandidah tekhnicheskikh (Continued on next card)

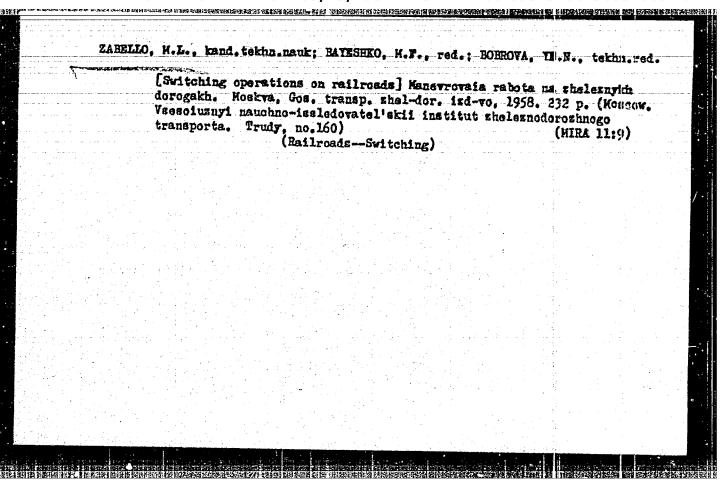
BENESHEVICH, I.I. -- (continued) Carû 3. nauk, redaktor: MAHKOV, H.V., inzhener, redaktor; KALININ, V.K., inzhener, redsktor; STHPANOV, V.H., professor, redsktor; SIDOROV, H.I., inshener, redaktor; GERONIKUS, B. Ye., kandidat tekhnicheskikh mauk, redaktor; ROBEL: R.I., otvetstvennyy redaktor [Technical reference manual for railroad engineers] Tekhnicheskii spravochnik zheleznodorozhnika. Hoskva, Gos. transp.zheledor. isd-vo. Vol. 10. [Bleatric power supply for railroads] Energosnabihanie shalesnykh dorog. Otv.red. toza K.G. Markvardt. 1956. 1080 p. Vol.13. [Operation of railronds] Ekspinatatatin zheleznykh dorog, Otv. red. toma R.I.Robel', 1956, 739 p. (MLRA 10:2) 1. Chlen-korrespondent Akademii nauk SSSR (for Petrov) (Electric railroads) (Hatlroads -- Management)



NIKITIN, Vladimir Dmitrieyvich; MEL'HIK, Aleksandr Lukich; ZABRIZO, Meriya
L'vovna; DLUGACH, Boris Abramovich; GOL'DRHTUL, Boris Aronovich;
PRIGGROVSKIY, V.F., red.; KHITROV, P.A., tekhn.red.

[Mersheling yards of railroads in other countries] Sortirovochnye stantsii sarubezhnykh zheleznykh dorog. Moskva, Gos. trannp.
shel-dor. izd-vo, 1957. 174 p.
(Railroads-Hump yards)

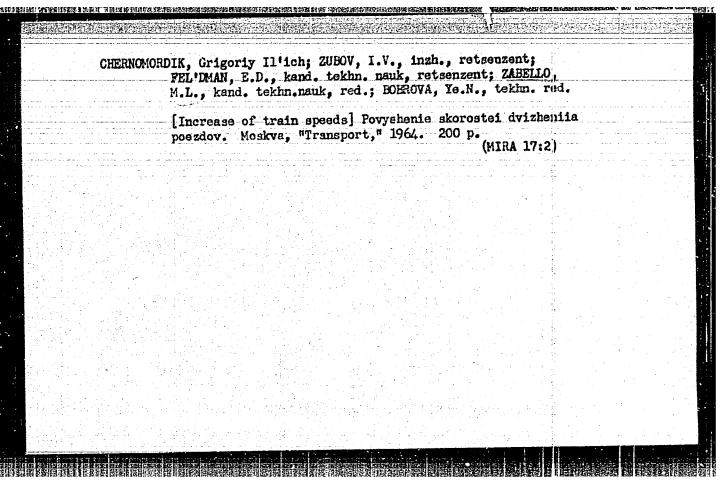
(Railroads-Hump yards)



LEBEDEVA, T.P.; STRAKOVSKIY, I.I.; TISHKOV, L.B.; LOMAKINA, N.N.;
ZABELLO, M.L.; SADIKOV, P.P.; PETRUNENKOV, A.Ye.; BELENOV, V.K.;
ARUTYUNOV, V.A., inzh., retsenzent; PETROVA, V.L., inzh., red.;
BOBROVA, Ye.N., tekhn.red.

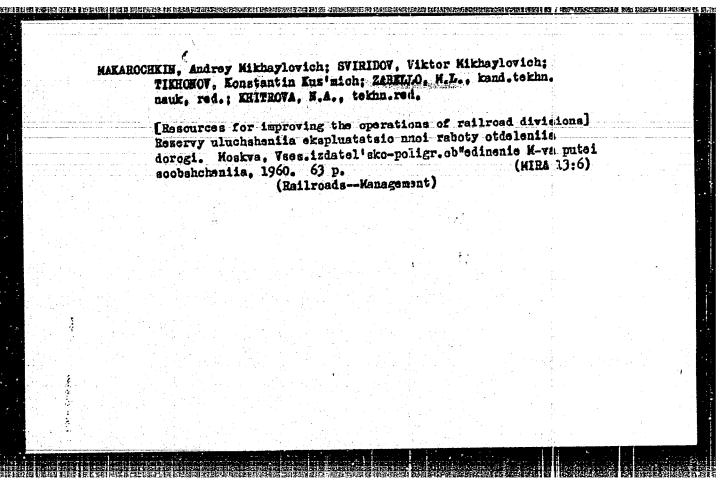
[Basic requirements related to the technical equipment of classification yards] Osnovnye trebovania k tekhnicheskomu osnashcheniiu sortirovochnykh stantsii. Moskva, Transzheldorizdat, 1963. 218 p. (Its TRUDY, no.270).

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PERMINOV, A.S., inzh., retsenzent; ZABELLO, M.L., kand.
tekhn. nauk, red.; BOBROVA, Ye.N., tekhn.red.

[Weight and speed of freight trains; potentials for their increase] Ves 1 skorost' gruzovykh poezdov; rezervy ikh povysheniia. Moskva, Transzheldorizdat, 1963. 99 p. (MIRA 17:2)



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| | | [Radio electronics in technology] Radioelektronika v t Koskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1 93 p. (Radio) (Electronic apparatus and appliance | (NIRE 12:10) |
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ZARELIO, Z.I.; PEKKER, M.Z.; EEREZKIN, Yu.I., red.; KISLYAKOVA,

M.N., tekhn. red.

[Expediency in the plant kingdom] TSelesoobraznost' v
rastitel'nom mire. Minek, Izd-vo M-va vysshego, srednego
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101 p. (MIRA 16:11)

(Botany--Philosophy)

PHASE I BOOK EXPLOITATION

501/4689

Ashkerov, V. P., B. G. Zabelok, Ye. I. Kalugir, and L. P. Shevchenko

Voyska protivovozdushnoy oborony streny (Air Defense Forces of the Country)

Moscow, Voyenizdat, 1960. 217 p. No. of copies printed not given. (Sertes:

Biblioteka ofitsera)

General Ed.: P. K. Demidov; Ed.; P. V. Fesenko; Tech. Ed.: T. P. Myasaikova.

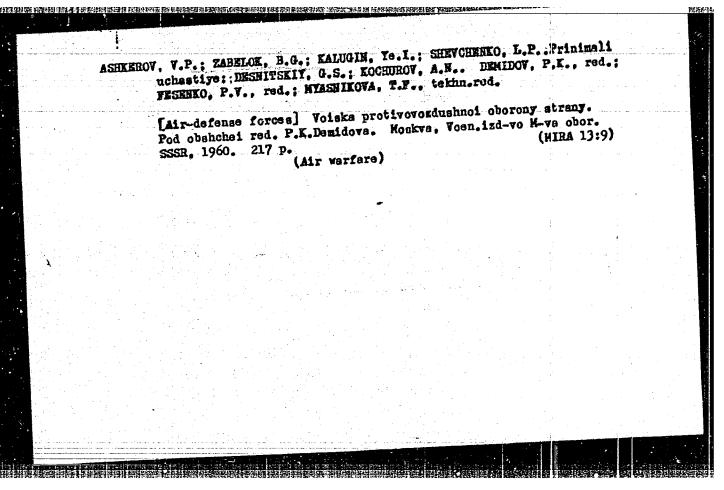
PURPOSE: This book is intended for officers of the Soviet Armed Forces, from platoon leader to regimental commander, who are not specially trained in air defense.

COVERAGE: The book deals with active air defense both in the Soviet Union and in other countries, presenting past development and present state. The role of air defense in the overall defense organization of a country is described. Principles governing use of air defense facilities are given. Sections 3 and Principles governing use of air defense facilities are given. G.S. Desnitskiy 4 of Chapter IV are based on non-Soviet press information. G.S. Desnitskiy

Card-1/4

| Air Defense Forces of the Country | OV/4689 |
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| and A. N. Kochurov took part in the writing of the book. Therences, all Soviet (8 translations into Russian). | |
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POLYAK, A.A.; MARTYSHEVA, G.A.; SOLODOVEIKOV, V.G.; ERAGINA, To.A.;

KOHDRAT'INV, V.A.; UL'RIKH, O.D.; ZABLOTSKAYA, A.I.;

KOHDRAT'INV, V.A.; POKATALEVA, T.S.; AVARIN, V.Ye., otv.red.;

SAVEL'INV, N.A.; POKATALEVA, T.S.; AVARIN, V.Ye., otv.red.;

SAVEL'INV, V.I., red.izd-va; ASTA'INVA, G.A., tekhn.red.

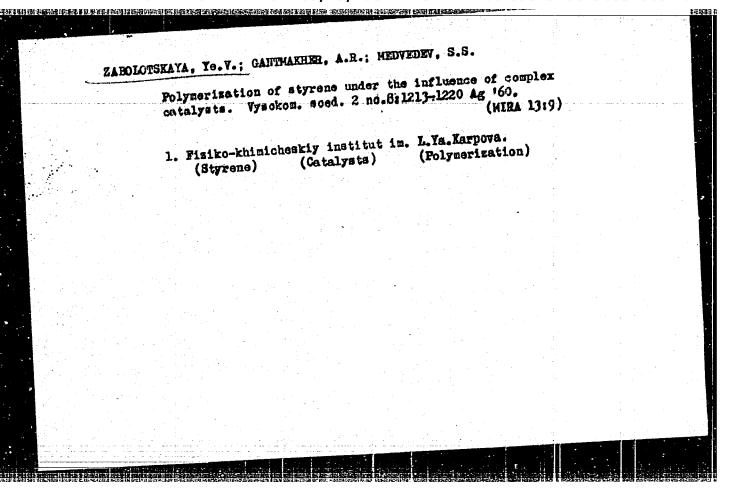
[Industrialization problems of the sovereign underdeveloped countries of Asia (India, Indonesia and Burme)] Problemy industrialization in Moskva, Ind.-vo Akad.nauk SSSR, 1960.

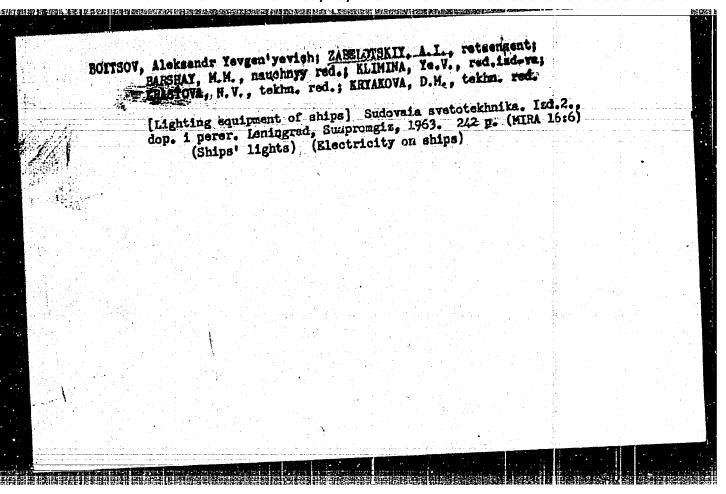
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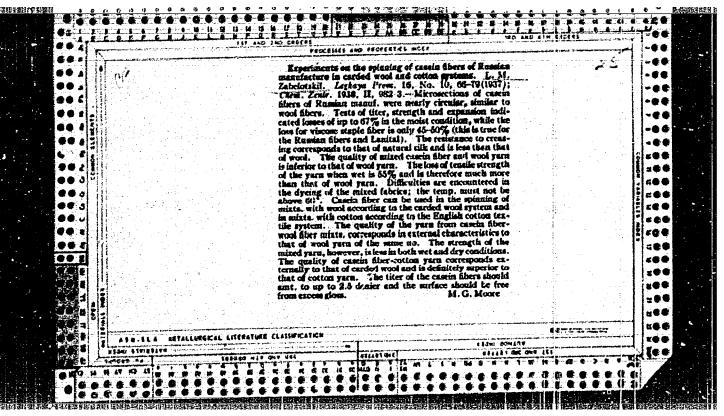
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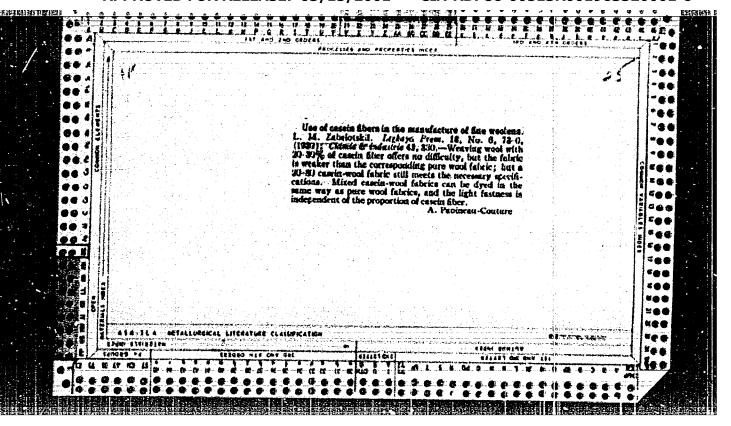
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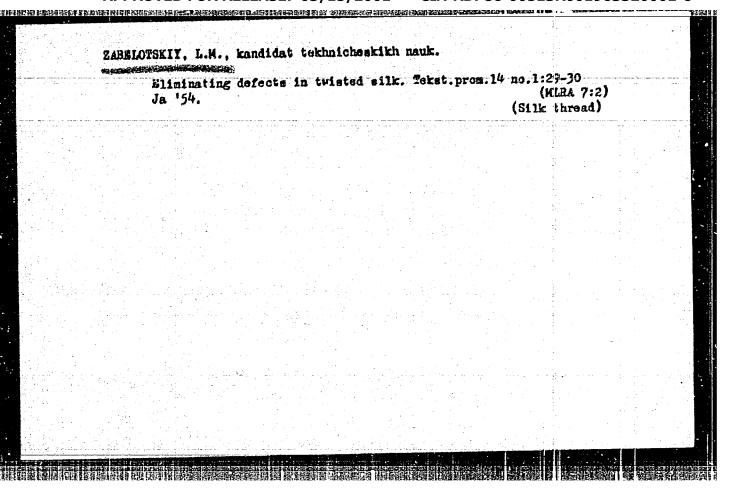
(Asia, Southeastern--Industrialization)



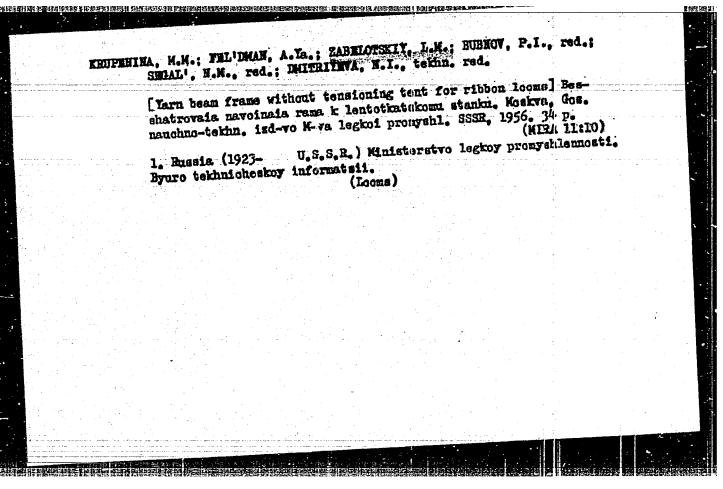


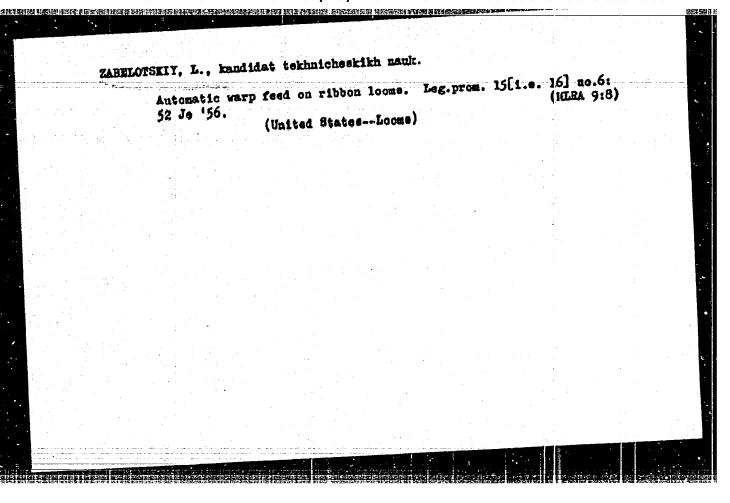


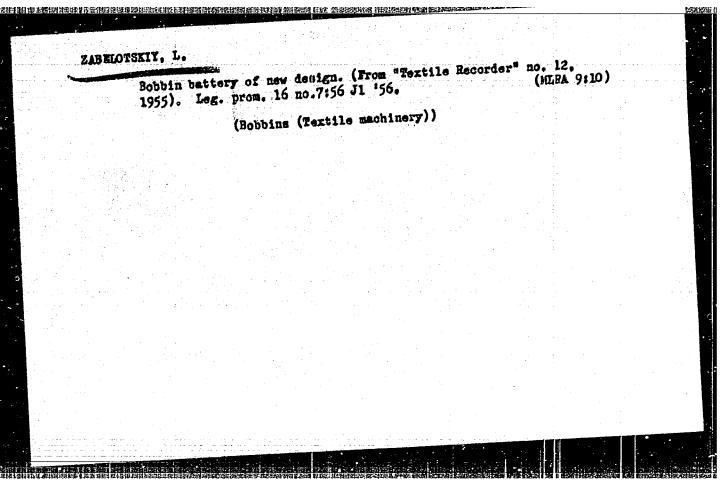


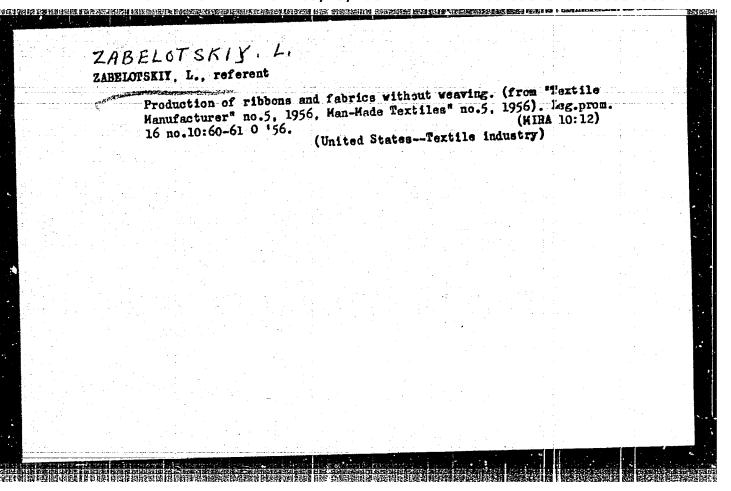


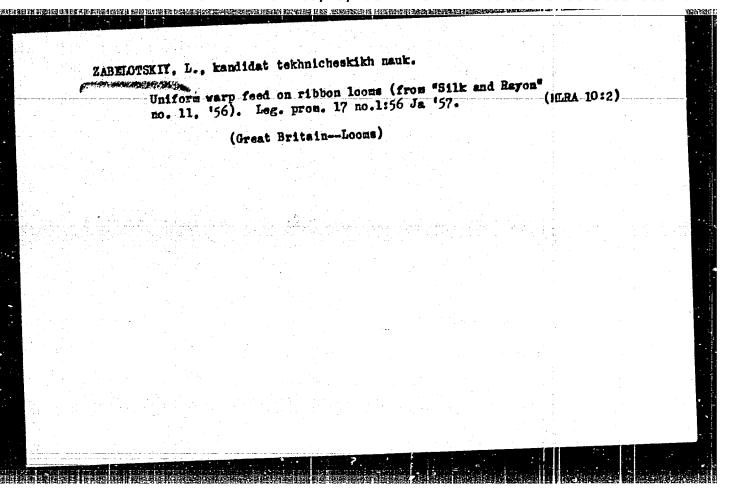
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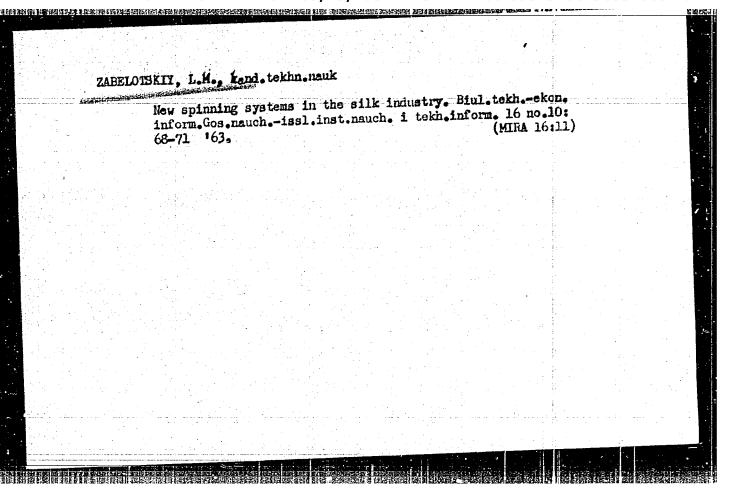


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Aleksandr lekovlevich; AFTEKIN, V.I., retsensent; FLENTARSHOV,
M.N., red.; GRICHE, A.W., red.; KOMAN, V.V., tekim. red.

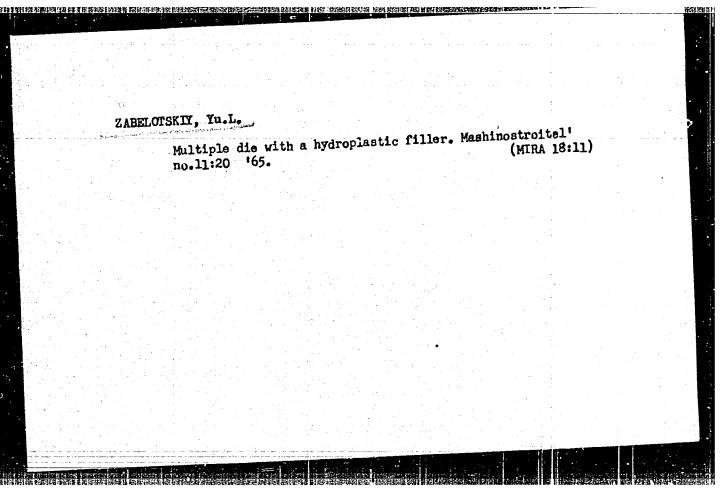
[Reference manual for the manufacture of spun and woven goods;
ribbon and braid waving] Spravochnik po tekstilino-galantereinomu
proizvodstvu; lentotizchestvo i pletenie. Moskva, Gos. nauchnoproizvodstvu; lentotizchestvo i pletenie. Moskva, Gos. nauchnotekim. izd-vo lit-ry po legkoi promychl., 1958, 565 p.
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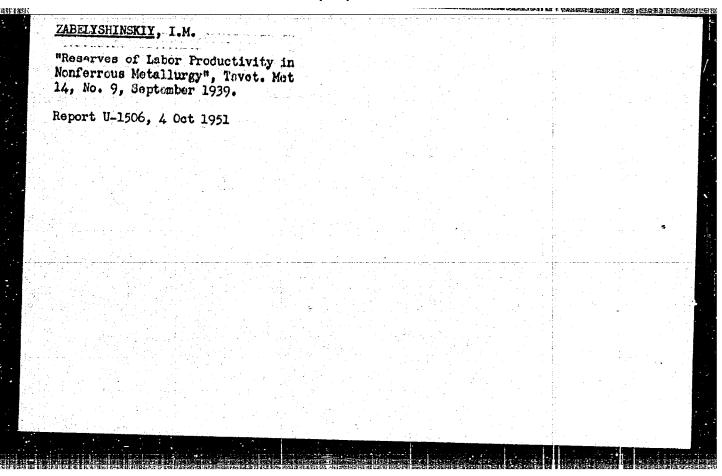


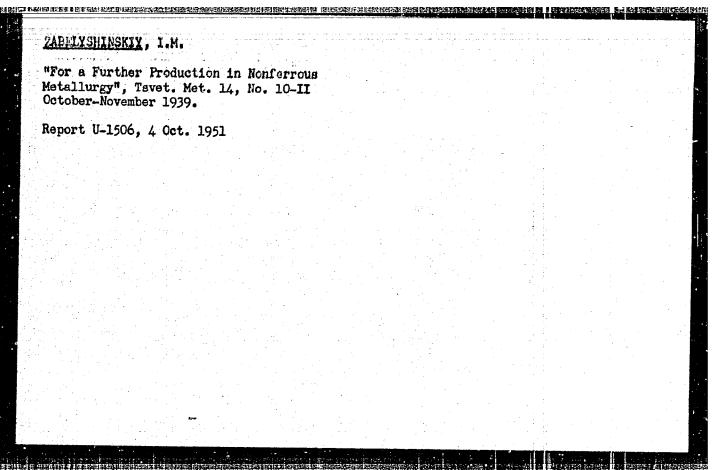
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Lazar Markovich, kand. tekhn. nauk; KUNTSEVICH, V.A., inzh.,
retsenzent; ZVEZDKINA, Ye.V., inzh., retsenzent; LEAGDEOV,
S.S., kand. tekhn. nauk, retsenzent; SHTEYNGART, M.D., red.;
EATYREVA, G.G., tekhn. red.

[Silk technology] Tekhnologiia shelka. Pod red. V.A.Usenko. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR. Pt.2. [Silk spinning] Shelkopriadenie. 1961. 343 p. (MIRA 15:2) (Silk) (Spinning)



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| | "Competition of Shaft-sinking Brigades," I. M. Zabelyshinskiy, 4 pp | | |
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| Innovators in the nonferrous metallurgy. Bull TSIIN taget. metallurgy (MIRA 11:5) no.19/20:5-12 '57. (Nonferrous metals—Metallurgy) | ZABELYSHINSKIY. I.V. | |
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TYURYAKOV, A.F.; KUKHRENAH, D.A.

Besults of administrative and economic activity in monferrous metal industries in 1957; from annual reports. Blul. TSIIH taset met.

(Nonferrous metal industries)

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AZOS, S.; AREF'YEV, A.; ARTANONOV, I.; BABINA, I.; BEREGOVSKIN, V.; BLOWNO, V.;
        BRAVERRAM, A.; BYKHOVSKIY, Yu.: VINOGRADOVA, M.; GAIABLINA, Ye.;
        GIL'DENDERSH. P.; GLOBA, T.; GRETVER, M.; GORDON, G.; GUL'DIN, N.;
        CULTAYEVA, Ye.; GUSHCHINA, I.; DAYYDOVSKAYA, Ye.; DAHSKAYA, G.; DERKACHEV, D.; YEVDOKIMOVA, A.; YHYUNOV, V.; ZABELYSHINSKIY, I.;
        ZAYDENBERG, B.; AZKOSHNIKOV, I.; ITKINA, S.; KARCHEVSKIY, V.;
        KIUSHIN, D.; KUVINOV, Ye.; KUZNETSOVA, G.; KURSHAKOV, I.;
        LAKERNIK, M.; LEYZEROVICH, G.; LISOVSKIY, D.; LOSKUTOV, F.;
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        PARHOMOVA, G.; PETKER, S.; PLAKSIN, I.; PLETENEVA, N.; POPOV, V.;
        PRESS, Yu.; PROKOP'YEVA, Yo.; PUCHKOV, S.; REZKOVA, F.; HUMYANTSEV, M.;
       SAKHAROV, I.; SOBOL', S.; SPIVAKOV, Ya.; STRIGIN, I.; SPIRIDONOVA, V.;
       TIMEO, Ya.; TITOV, S.; TROITSKIY, A.; TOLOKONNIKOV, K.; TROFIKOVA, A.;
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       Roman Lagarevich Veller; an obituary. TSvet. met. 31 no.5278-79
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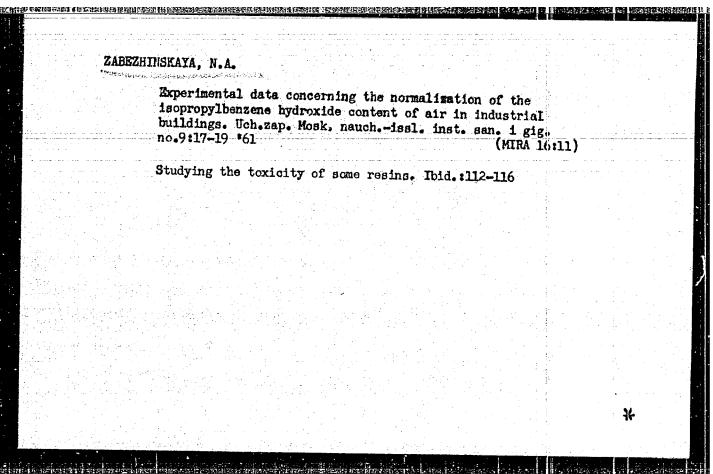
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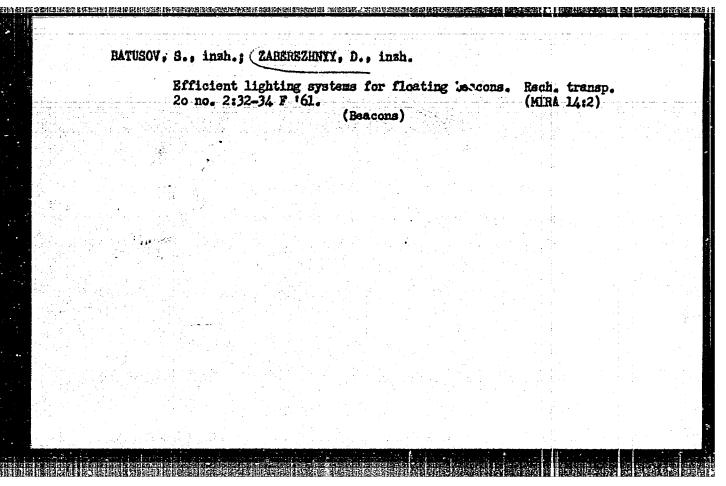
| (Nonferrous metal industriesTechnological | innovations) |
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5/196/61/000/009/014/052 E194/E155

AUTHORS:

Batusov, S.V., and Zaberezhnyy, D.T.

TITLE!

The design of an optical reflecting system for

all-round signal lamps

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no. 9, 1961, 13, abstract 9V 109. (Svetotekhnika,

no.2, 1961, 18-22)

TEXT: On floating buoys in rivers it is more rational to use signal lamps consisting of a reflecting system with a high-voltage discharge tube rather than the incandescent lamps with cylindrical lens and light filter which are used at present. The calculations are given for a parabolic-circular reflector with a circular focal line which coincides with the annular tube. The optical system, which is of circular symmetry, concentrates the light flux of the lamp only in a vertical plane. The light distribution curve of the optical system gives identical light output in all directions in the horizontal plane and in the vertical only in the range 15 ~ 200, which fully meets the Card 1/2

The design of an optical

S/196/61/000/009/014/052 E194/E155

requirements for such light signals. In the case of an optical system with a neon tube 10 mm diameter with a standard brightness of 500 candles/m² bent into a ring of 150 mm diameter in the focal plane of a parabolic reflector 200 mm high, the light output is three times greater and the amplification factor twice that of the normal optical system with a maximum coverage angle of 200° and more.

[Abstractor's note: Complete translation.]

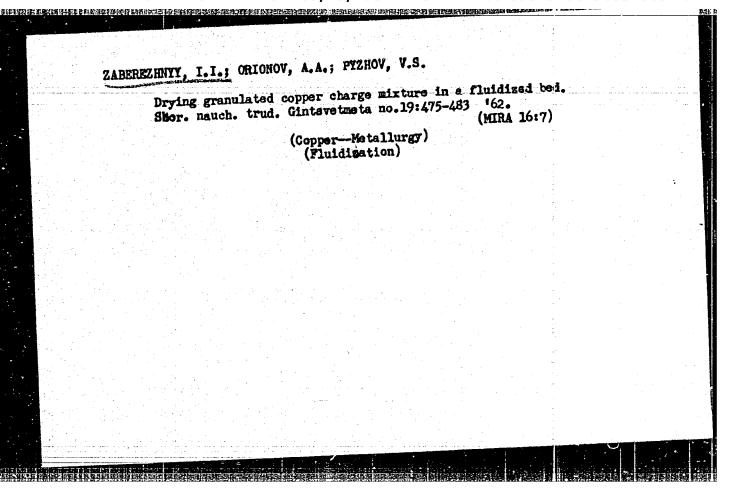
Card 2/2

MASLOVSKIY, M.F.; VINOGRADOVA, M.A.; ZAREREZHNYY, I.I.; NIKITHMA, I.S.;
PARETSKIY, V.M.

Fluidized bed drying of dust culp at the Chimkent Lead Plant.
Shor. nauch. trud. Gintsvetmeta no.19:367-373 '62.
(MIRA 16:")

(Chimkent—Lead industry)

(Fluidisation)



THYDOKINENDO, A.I.; ZABEREZHETY, I.I.; RAFALOVICH, I.M.; REZHIK, I.D.;
Prinimall uchastiyes SHEMAN, B.P.; KUDRIN, A.E.; GALITSKIT, L.M.;
SEPROV, V.I.; VEROBITAY, V.A.; STEPROV, A.S.; RODIOROVA, E.M.;
BUNTOVHIMY, A.S.; THYDOKIMOYA, L.IC.

Air blast preheating for shaft furnaces. Tevet. met. 33 no.10:12(MIRA 13:10)

1. Gosudarstvennyy institut po tsvetnym metallam (for Yevdokimenko,
Zaberezhnyy, Rafalovich, Rasnik, Rodionova, Buntovnikov, Isvdokimova).
2. Yushno-Ural'skiy nikelovyy zaved (for Sherman, Kudrin, Galitskiy,
Serpov, Verob'yev, Stepanov).

(Air preheaters)

(Metallurgical furnaces--Equipment and supplies)

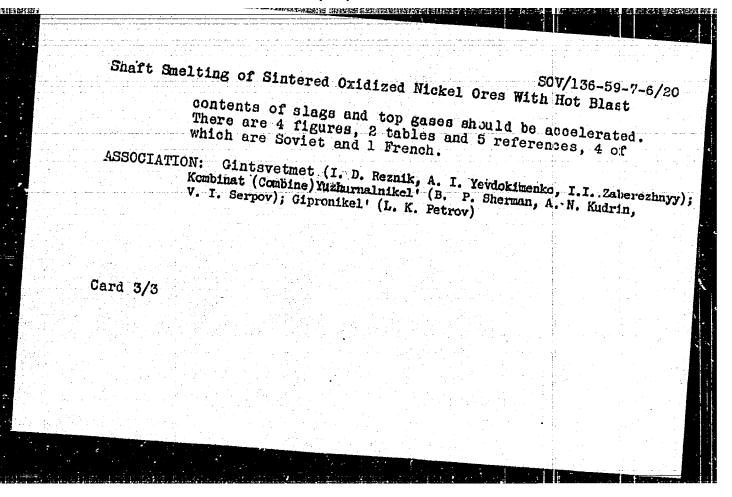
| | Air preheating in recuperators operating | on waste gase; from | |
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| | smelting furnaces in nonferrous metallur GINTSVETMET no.15:382-402 159. | (MIRA 14:4) | |
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| | (Heat regenerators) | | |
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Reznik, I.D., Yevdokimenko, A.I., Zaberezhniy, I.I., Sherman, B.P., Kudrin, A.N., Serpov, V.I., Petrov, L.K. AUTHORS: Shaft Smelting of Sintered Oxidized Nickel Ores With TITLE: PERIODICAL: Tsvetnnye metally, 1959, Nr 7, pp 30-36 (USSR) ABBTRACT: The use of hot blast in shaft smelting in non-ferrous metallurgy is comparatively recent. The authors describe production experiments made by the kombinat (combine) Yuzhuralnikel together with Gintsvetmet and Gipronikel from the authors the following participated in the work. From Yuzhuralnikel: S. Ye. Lyumkia, M.M. the work. From Iuznurainikel: S. Ye. Lyumkis, M.M. Zolkina, A.G. Ushakov, V.T. Gritskova, U.D. Shaymukhambetov, N.V. Sukhin, I.S. Firyago, V.I. Mannanikov; from Gintsvetmet: A.S. Buntovnikov, M.S. Kruglyakova, Yu. N. Skvortsov, L.I. Yevdokimova; from Gipronikel: N.P. Malyk, Ye. M. Simonov, N.N. Sin'ko, A.N. Derevnin. The furnace used had a cross section in A.N. Derevnin. The furnace used had a cross section in the tuyere zone of 7.2 m2 and a width of 2m; stack height was 8 m and the slit tuyeres dipped at 150. Card 1/3

S017/136-59-7-6/20

Shaft Smelting of Sintered Oxidized Nickel Ores With Hot Blast

Blast heating was provided by a specially designed oilfired heater. Suitable instrumentation was provided. experiments were conducted as during a previous investigation (Ref 4) on the same furnace; a parallel investigation of stack processes was carried out (Ref 5). Blast temperatures of 190, 300 and 400°C were used, the furnace working smoothly (Fig 1 shows the blast-pressure chart) and without difficulties. Compared with cold-blast operation on the same furnace a coke saving of 28.9% was obtained by blast heating to 300°C; allowing for the oil used in the blast heater the economy was 15.2% by weight, 11.5% if the difference in calorific value of oil and coke is taken into account. Fig 2 shows that top gas composition is best at 300°C. This temperature is also close to the optimum for fuel economy (Fig 3) and smelting and coke burning rates (Fig 4). The authors conclude that the tests have shown that blast heating should be introduced into practice. They recommend that oil- or gas-fired blast heaters should be designed, and that the gas-fired blast heaters should be designed; and that treat 2/3 development of methods for blast heating using the heat



ZASEREZHNYY, I.I.

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TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 519 - I

Call No.: TR677.R23

Authors: HUROVOY, I. A., BYKHOVSKIY, Yu. A., ZABEREZHNYY, I. I. and RAFALOVICH, I. M. Full Title: EXPERIENCE WITH AUTOMATIC CONTROL OF TEMPERATURE IN REVERBERATURY COPPER-

SMELTING FURNACES

Transliterated Title: Opyt avtomatizatsii teplovogo rezhima otrazhatel'nykk medeplavil'nykh pechey

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of Literature on

Ferrous and Monferrous Metallurgy (Metallurgizdat)

Date: 1953

No. pp.: 328

No. of copies: 3,000

Editorial Staff

Scientific Editor: Rafalovich, I. M., Prof. Dr. of Tech. Sci.

Editor: Charikhov, L. A., Eng., Appraiser: Lisovskiy, D. I., Prof. Dr. of

Tech. Sci.

PURPOSE: The book is intended for engineers and technicians dealing with controlling and measuring instruments and with automation, as well as for technologists in coppersmelting plants, scientific workers in design and research institutes, and atudents of metallurgical and technical schools.

TEXT DATA

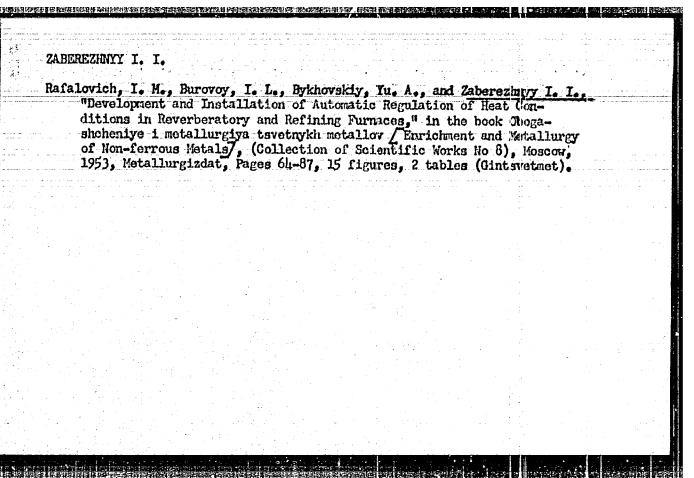
Coverage: This book describes the methods of furnace investigation and preparation for automatic temperature control under various industrial conditions. It gives data on special features of the installation of automatic devices in copper-smelting

Opyt avtomatizatsii teplovogo rezhima otrazhatel'nykh medepiavil'nykh pechey

AID 519 - I

shops, on the results of the analysis of individual elements of control, and on the adjusting of automatic furnaces to the most favorable temperature. It contains information on the efficiency of the automation of reverberatory and refining copper-smelting furnaces. According to the authors, experiments in the automation of coppernmelting furnaces started in the USSR in 1949, and were completed in early 1952. Three reverberatory and two refining furnaces of the four leading Soviet copper smelteries' (see "Facilities") were the first to be controlled automatically. The book is provided with scheratic drawings of furnaces and various devices, and tables and diagrams. The appendix contains instructions on automatic control of furnaces for smelters and foremen. No. of References: 18 Russian, 1939-1952

Facilities: Engineers, technicians and workers of Kirovgrad, Krasnoural sk, Balkhash and Pyshma Copper Smelteries: staff of the Moscow and Sverdlovsk Branches of the Instrument Design, Installation and Adjustment Organization (Proyektmontezhpribor); I. A. Strigin, Director of the State Scientific Research Institute of Nonferrous Metals (Gintsvetmet), D. M. Yukhtanov, assistant chief, and Gintsvetret scientific workers.



GAREHSKIRH, A.D.; BULATOV, V.D.; FEDCHENKO, Yu.P.; RAFALOVICH, I.M.;

ZABERZHNY, I.I.

Industrial air heater units for reverberatory copper smelting
furnaces. TSvet.met. 29 no.4:38-43 Ap '56. (MERA 9:8)

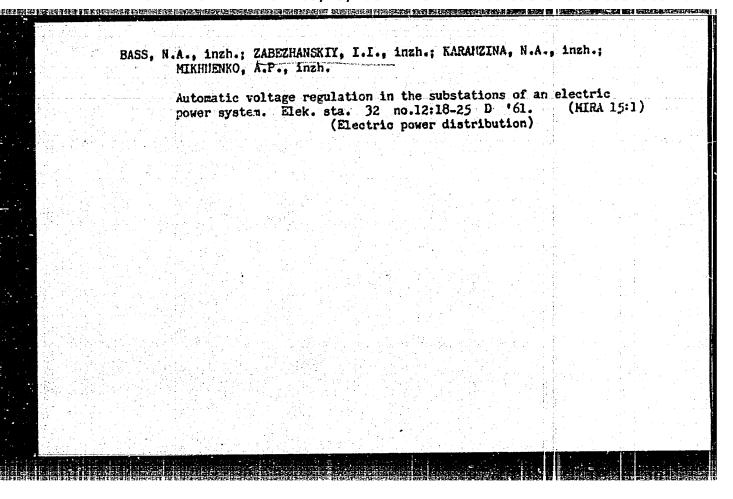
1. Kirovgredskiy medeplavil'nyy zavod (for Garenskikh, Bulatov,
Fedchenko); 2. Gintsvetmet (for Rafalovich, Zaberethnyy).

(Copper--Metallurgy) (Smelting furnaces)

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ZARERT, Rosa (Warssawa, ul. Odynca 61a m.26)

Bone marrow and peripheral blood in pregnant women. Polskie arch. med. wewn. 28 no.1:63-74 1958.

1. Ordynator Oddziału Ginekologicznego: dr med. B. Pawlak. (PERCHANCY, blood in peripheral blood & bons marrow histol. studies (Pol)) (BONS MARROW, in pregnancy histol. analysis (Pol)) (BLOOD COUNT, in pregnancy (Pol))
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MCSHKCVSKIY, Sh.D.; SHUYKINA, E.To.; DEMINA, N.A.; TIBURSKAYA, W.A.; VRUBLEVSKAYA, O.S.; ZHUKOVA, T.A.; ZABEZHANSKIY, V.I.; Prinimali uchastiyo: BAGRAMIAN, M.G.; ILVIASOVA, S.I.

Methodology of the detection of asymptomatic carriers of quartan malaria. Med. paraz. i paraz. bol. 34 no.2:184-188 Mr-ip 165.

(MIRA 18:11)

1. Otdel pretozoologii Instituta meditsinskoy parazitologii i
tropicheskoy meditsiny imeni Ye.I. Martsinovskogo Ministerstva
zdravookhraneniya SSSR, Moskva.

TIBURSKAYA. N.A.; ZHUKOVA, T.A.; BAGRAMYAN, M.G.; YAKUSHKINA, N.S.; ZABEZHANSKIY, V.P.; IL'YASOV, S.I.

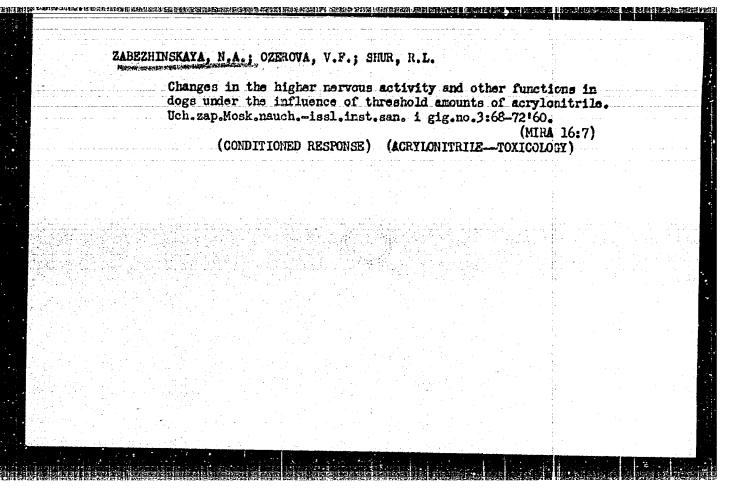
Case of many years lasting carrier state of quartan mailaria parasites.

Med. paraz. i paraz. bol. 34 no.1:81-83 Ja-F '65.

(MIRA 18:8)

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny im. Ye.I.Martsincvskogo Ministerstva zdravookhraneniya SSSR, Moskva, Institut meditsinskoy parazitologii i tropicheskoy meditsiny im. S.M.Kirova Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR, Kafedra meditsinskoy parazitologii TSentral'nogo instituta usovershenstvovaniya vrachey i Psikhonevrologicheskaya bol'nitsa Nr.3, Baku.

| | ZAHEZHINSKAYA, | M TERRITORISMONERO | | | | | | | |
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| | enimals and din | Changes in the higher nervous activity and other functions in animals under the influence of small doses of dinitrobunzene and dinitrochlorobenzene. Uch.zap.Mosk.nauchissl.inst.san.i gig. no.3:76-20160. (MIRI 16:7) (CONDITIONED RESPONSE) (BENZENE—TOXICOLOGY) | | | | | | | |
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